



OECD approval number

1/1 753

OECD approval date

Full Code
11/05/1998

Make

Same

Model

Dorado 60 VDT

Type

4 WD

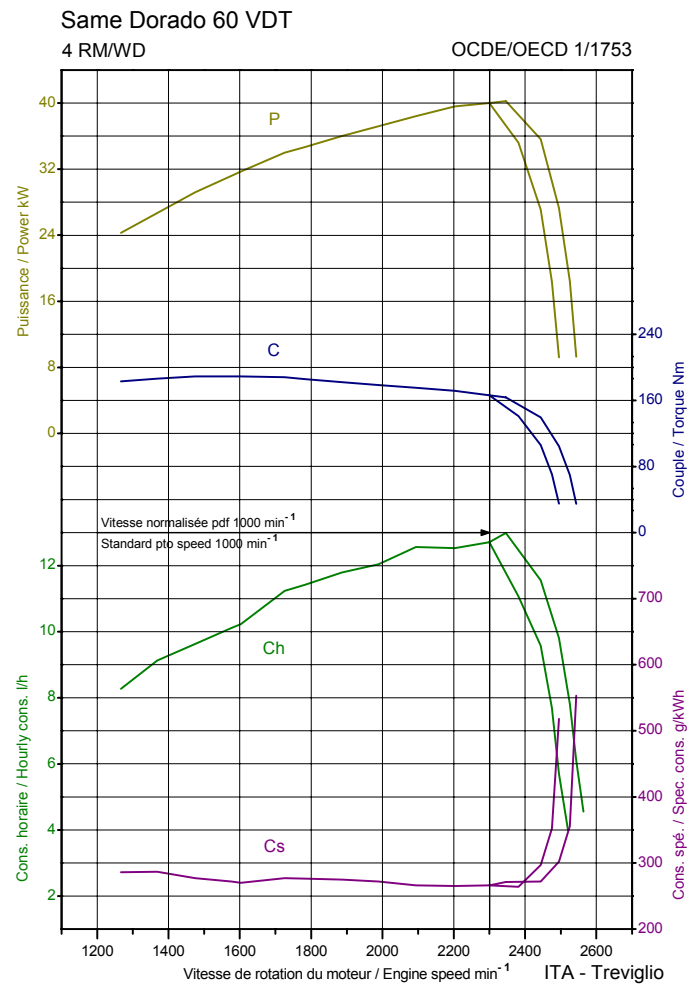
S10S603AVT - 45 speeds - 40 km/h

Manufacturer

Same Deutz-Fahr Group S.p.A.

Testing station:

ISMA, Treviglio, Italy



Engine, Transmission, Power take-off Specifications

<i>Make, Model</i>	Same Deutz-Fahr Group		1000.3 A5
<i>Type, Supercharging</i>	Direct injection		None
<i>Cylinders, Disposition</i>	3		vertical in line
<i>Capacity, Cooling</i>	3000 cm ³		Liquid
<i>Gear box</i>			Mechanical synchronized
<i>Number of forward and reverse speeds</i>	45		45
<i>Speed at rated engine speed</i>	from 0.19 to 39.02 km/h		
<u>Standard Power take-off speed</u>	<u>540 min⁻¹</u>		<u>1000 min⁻¹</u>
<i>Power take-off speed at rated engine speed</i>	620 min ⁻¹		1021 min ⁻¹
<i>Diameter of the shaft</i>	35 mm		35 mm
<i>Number of splines</i>	6		6

Power take-off TestTwo hours test at maximum power

<i>Power, Engine and Power take-off speed</i>	40.3 kW	2346 min ⁻¹	1020 min ⁻¹
<i>Hourly and specific consumption</i>		12.99 l/h	271 g/kWh

Test at maximum power at rated engine speed

<i>Power, Engine and Power take-off speed</i>	40.3 kW	2346 min ⁻¹	1020 min ⁻¹
<i>Hourly and specific consumption</i>		12.99 l/h	271 g/kWh

Test at standard Power take-off speed

<i>Power, Engine and Power take-off speed</i>	40.0 kW	2300 min ⁻¹	1000 min ⁻¹
<i>Hourly and specific consumption</i>		12.71 l/h	266 g/kWh

Torque rise

		15.4 %	
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<u>Maximum torque, Engine speed corresponding</u>		189.2 Nm	1603 min ⁻¹
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Drawbar Test

<i>Front tyres, Rear tyres</i>	360/70 R 20	420/70 R 30
<u>Test with tractor</u>	<u>unballasted</u>	<u>ballasted</u>
<i>Total Mass</i>	2980 kg	3385 kg
<i>Maximum drawbar pull</i>	28.1 kN	35.7 kN
<i>at speed of</i>	1.58 km/h	0.69 km/h
<i>Maximum power</i>	36.9 kW	38.8 kW
<i>at speed of</i>	11.20 km/h	7.71 km/h

Hydraulic Performance and Power Lift Test

<i>Hydraulic system</i>			Opened centre
<u>At maximum hydraulic power</u>			
<i>Flow rate, Pressure, Power</i>	44.7 l/min	16.2 MPa	12.1 kW
<u>Maximum lifting force</u>			
<i>at hitch points, at frame</i>		15.5 kN	15.7 kN